



caption



caption

Map

Legend

FO-S

Free-oil Recovery

DV

Diversion Booming

SR

Shoreside Recovery

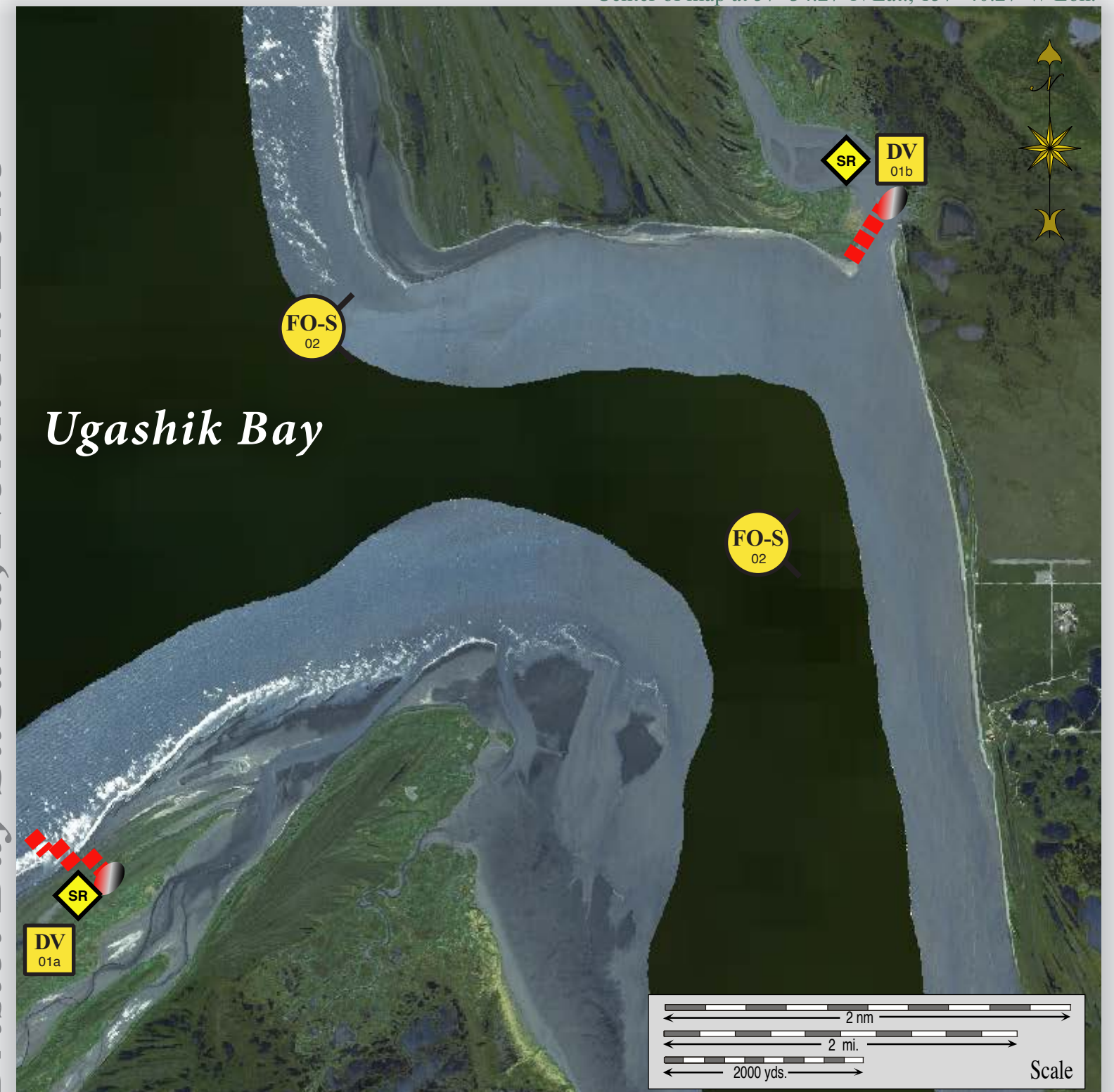
Protected-water Boom

Tidal-seal Boom

# Geographic Response Strategies for Bristol Bay Subarea, Northern Zone

## Ugashik Bay, BB-N14

Center of map at 57° 34.27' N Lat., 157° 40.27' W Lon.



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
N-14-01 <div>DV</div>	<b>Ugashik Bay</b> a. Lat. 57°36.69’N Lon.157°36.35’W  b. Lat. 57°32.91’N Lon.157°46.34’W	<b>Divert and Collect</b> Divert oil to shore side collection location on the on the outside beach leading into Ugashik Bay and the stream located in the north of Ugashik Bay.	Deploy anchors and boom with skiffs (class 6).  For (a) cascade 1600 ft of fast-water boom in 300 sections at the proper angle to divert incoming oil to the collection sites.  For (b) cascade 900 ft of fast-water boom in 300 sections at the proper angle to divert incoming oil to the collection sites. Locate the array in the area most likely to intercept the most incoming oil.  Complete each array with 60 ft. of tidal seal boom on the shore that will be used as a collection site.  Set up shore-side recovery and tend throughout the tide.	<b>Deployment Equipment</b> 2500 ft. protected-water boom 120 ft. tidal seal boom 13 ea. anchor systems 8 ea. anchor stakes 1 ea. shore-side recovery systems <b>Vessels</b> 1 ea. class 3 2 ea. class 6 <b>Personnel/Shift</b> 7 ea. vessel crew/general techs 2 ea. skilled techs <b>Tending Vessels</b> 1 ea. class 3 1 ea. class 6 <b>Personnel/Shift</b> 4 ea. vessel crew/general techs 2 ea. skilled tech	Pilot Point	Via marine waters  Chart 16338	Fish- intertidal spawning-salmon (June-Sept.)  Birds-waterfowl, seabird and shorebird concentration  Marine mammals-otters, seals  Habitat- exposed tidal flats, peat shoreline, marsh,  Human use-subsistence, commercial fishing	Vessel master should have local knowledge.  Take precautions to protect the shoreline as outlined in the Alaska STAR Manual  Title 41 permitting required from ADNRR.  A large population of bears are in this area. Bear guard required.  Surveyed: not yet  Tested: not yet
N-14-02 <div>FO-S</div>	<b>Ugashik Bay</b> Nearshore waters in the general area of:  Lat. 57° 34.27’N Lon. 157°40.27’W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Ugashik Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Ugashik Bay.  Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Pilot Point	Via marine waters  Chart 16338	Same as N-14-01	Use extreme caution, shallow waters with shifting channels and bars.